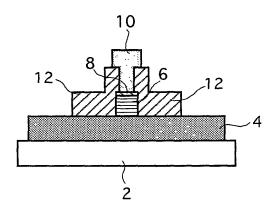
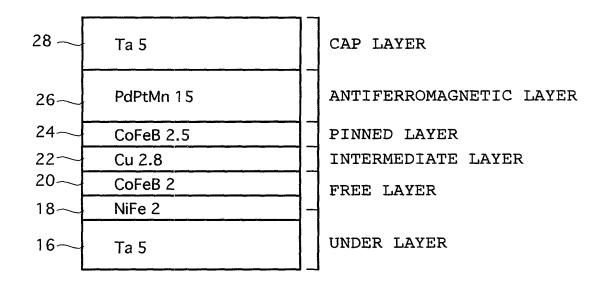
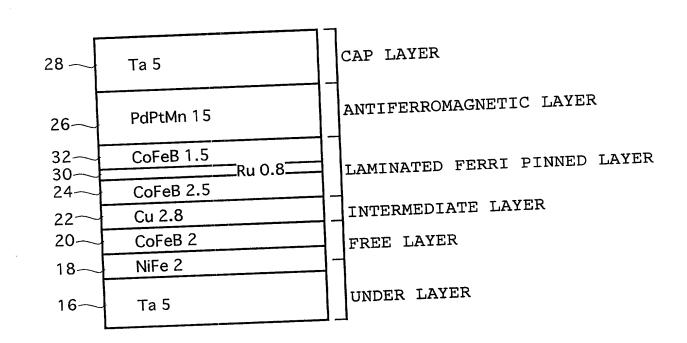
Sheet 1 of 35





F I G. 3



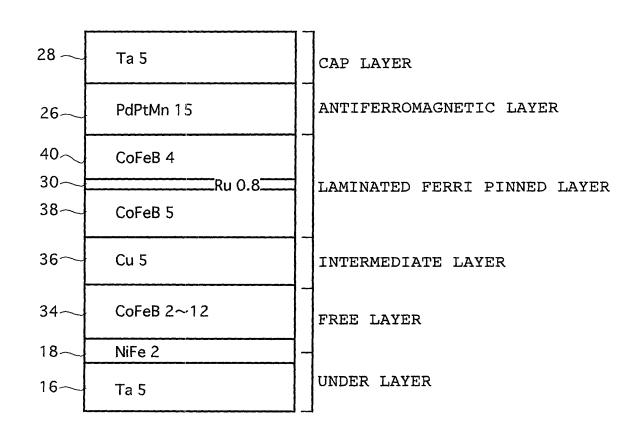
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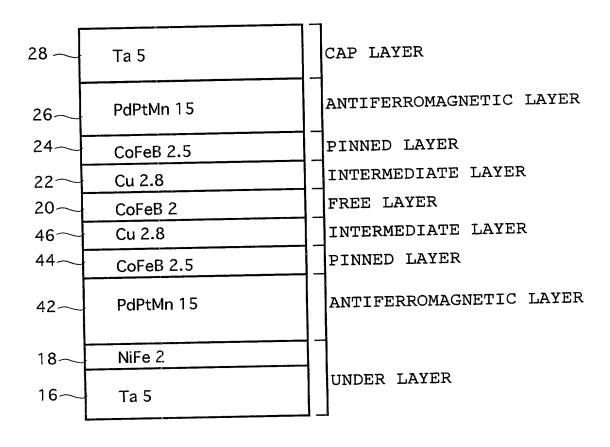
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The limit find that have been a second to the second to th

## FIG. 4



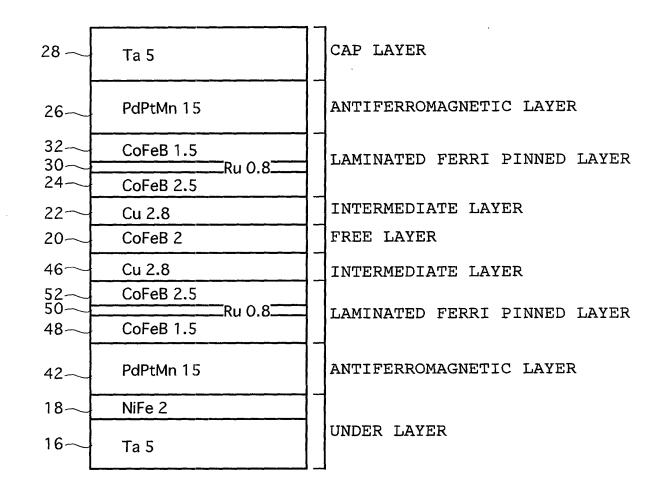
() 30



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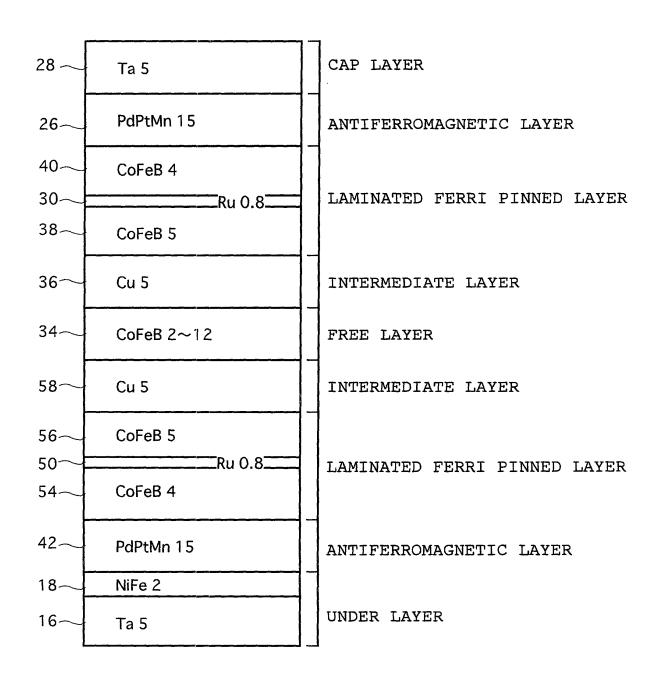
(312) 360 0080

## F I G. 6

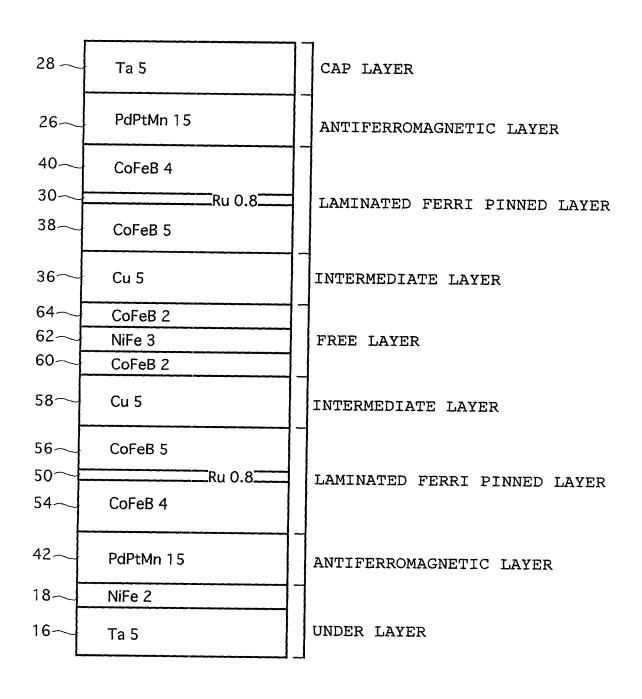


nggrunt raggo

x 1 / y 2



## F I G. 8



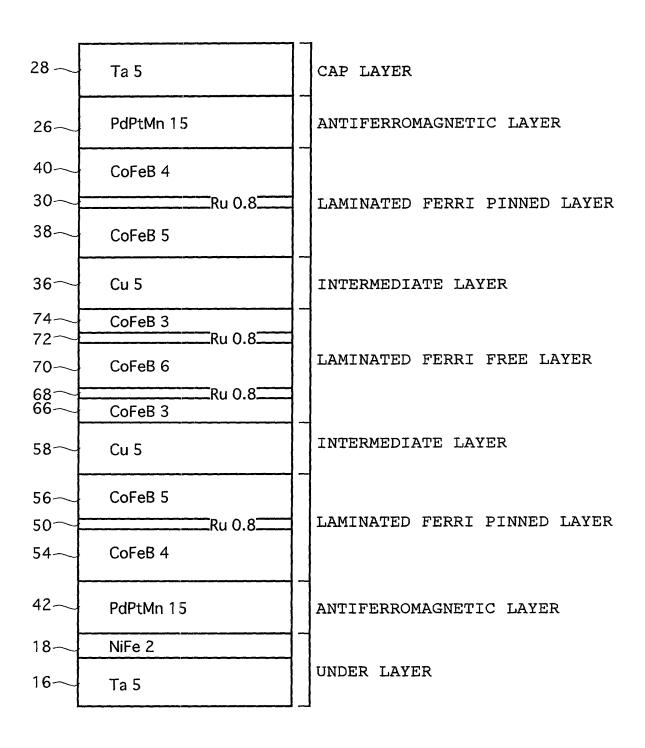
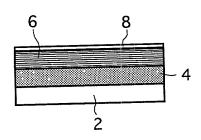


FIG. 10A FIG. 10A'



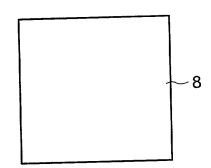
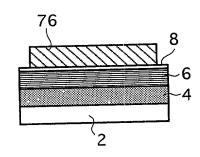


FIG. 10B FIG. 10B'



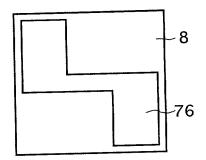
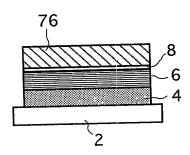
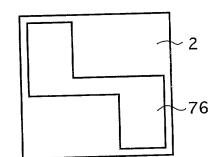


FIG. 10C

FIG. 10C'



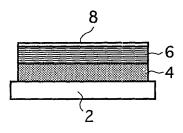


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x 7 - x 9

x \* x \* x

FIG. 10D FIG. 10D'



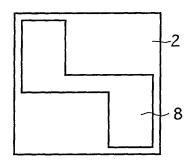
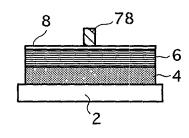


FIG. 10E FIG. 10E'



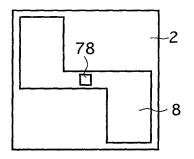
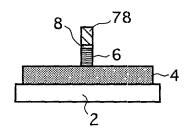
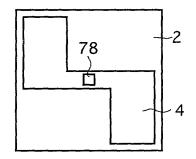


FIG. 10F FIG. 10F'

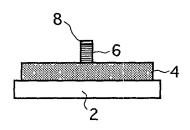




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FIG. 10G FIG. 10G'



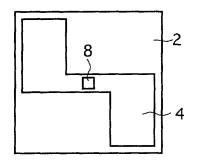
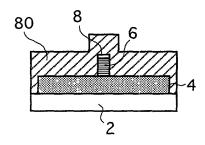


FIG. 10H FIG. 10H'



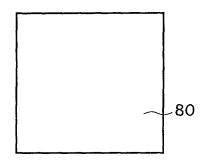
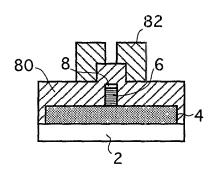


FIG. 101 FIG. 101'



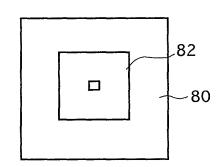
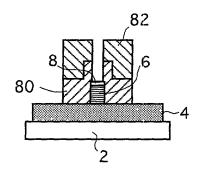


FIG. 10J

FIG. 10J'



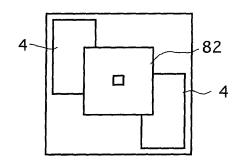
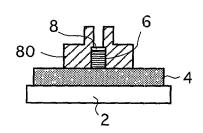


FIG. 10K FIG. 10K'



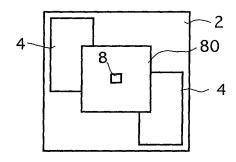
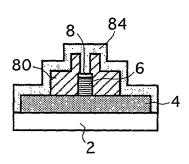
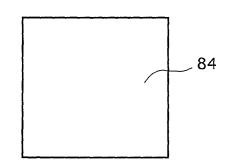


FIG. 10L

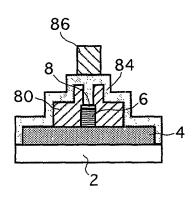
FIG. 10L'





y X , 2

FIG. 10M FIG. 10M'



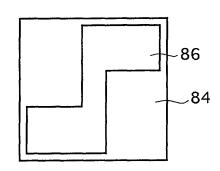
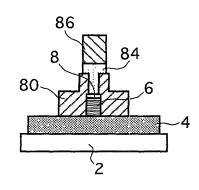


FIG. 10N FIG. 10N'



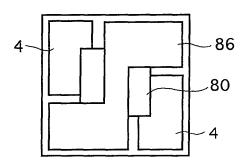
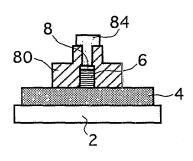
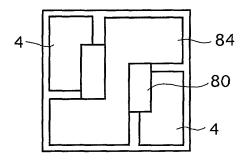
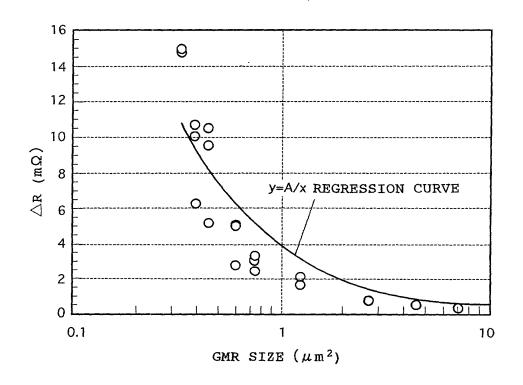


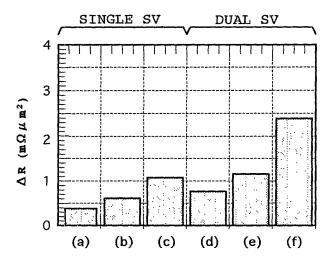
FIG. 10P

FIG. 10P'

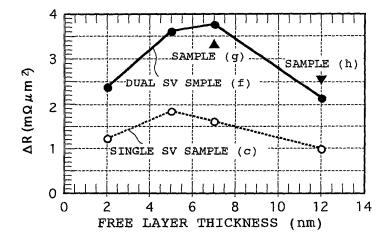




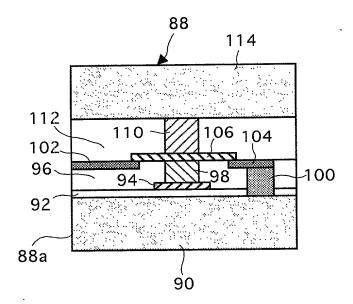




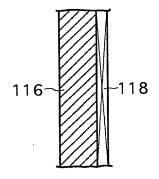
- (a): CIP OPTIMUM LAYER THICKNESS
- (b): LAMINATED FERRI
- INCREASED THICKNESSES OF PINNED LAYER (c): AND INTERMEDIATE LAYER
- (d): CIP OPTIMUM LAYER THICKNESS
- (e): LAMINATED FERRI
- (f): INCREASED THICKNESSES OF PINNED LAYER AND INTERMEDIATE LAYER



## F I G. 14A



F I G. 14B

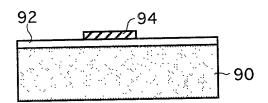


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FIG. 15A

FIG. 15A'



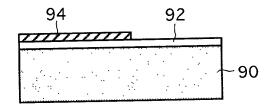
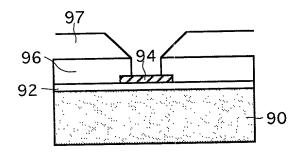
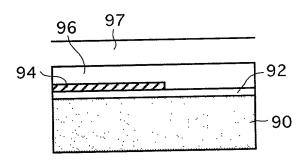


FIG. 1 5 B

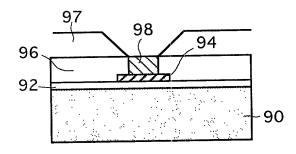
15B' G.





1 5 C IG.

15C' G.



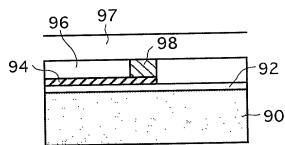
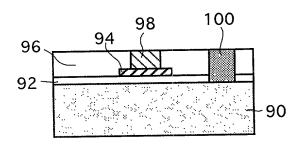
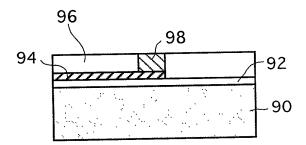


FIG. 15D

FIG. 15D'



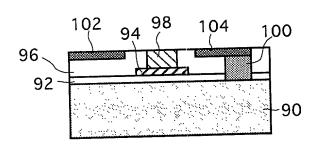


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#### FIG. 15E

FIG. 15E'



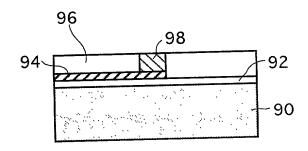
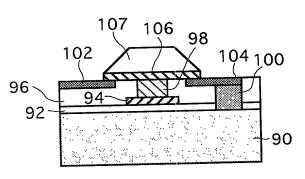
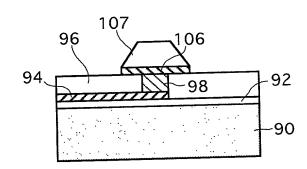


FIG. 15F

FIG. 15F'

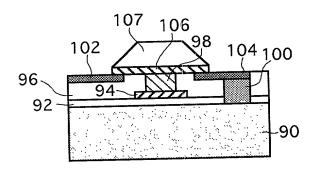


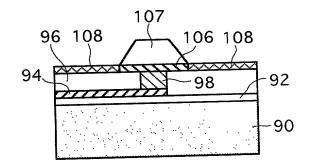
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F I G. 15G

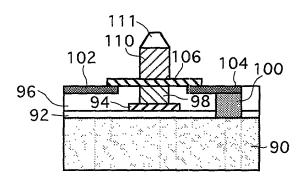
FIG. 15G'





F I G. 15H

FIG. 15H'



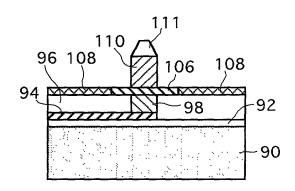
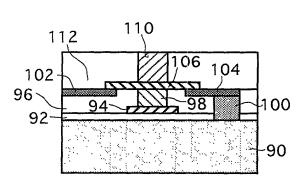


FIG. 151

FIG. 151



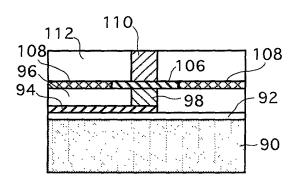
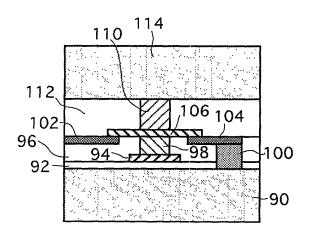
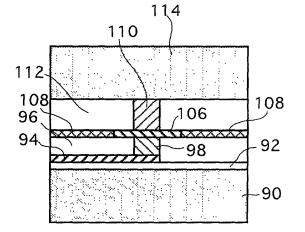


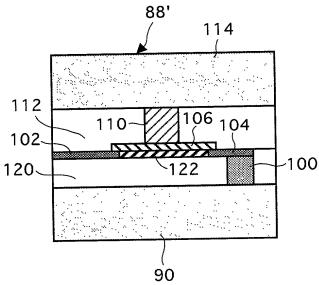
FIG. 15J

FIG. 15J'

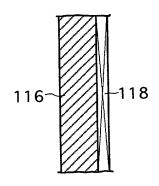




F I G. 16A



F I G. 16B



F I G. 17A

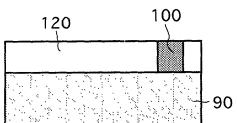


FIG. 17A'

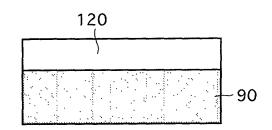


FIG. 17B

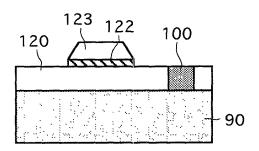


FIG. 17B'

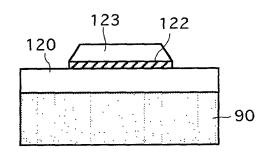
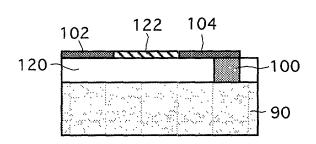
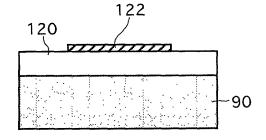


FIG. 17C

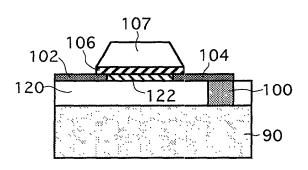
FIG. 17C'

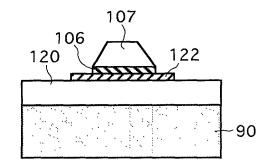




F I G. 17D

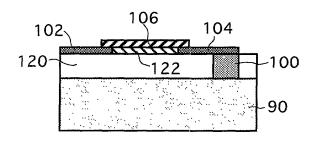
FIG. 17D'





F I G. 17 E

FIG. 17E'



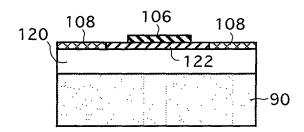
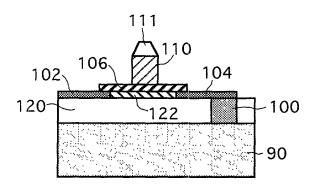
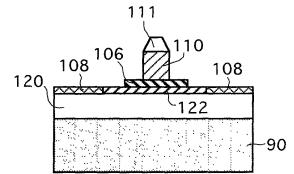


FIG. 17F

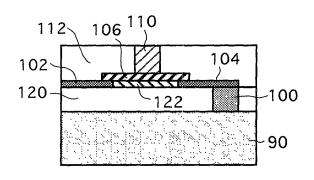
FIG. 17F'





F I G. 17G

FIG. 17G'



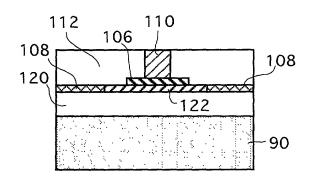
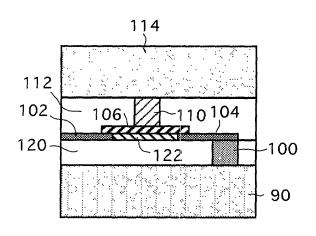
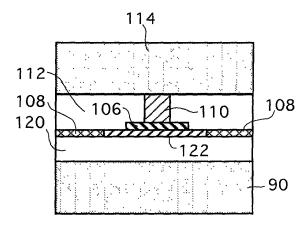
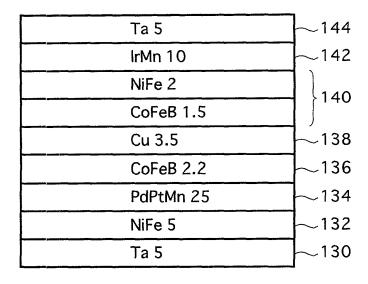
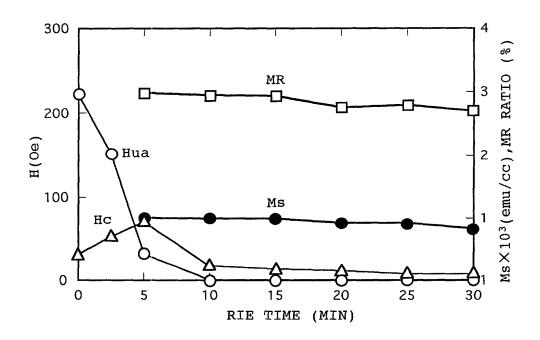


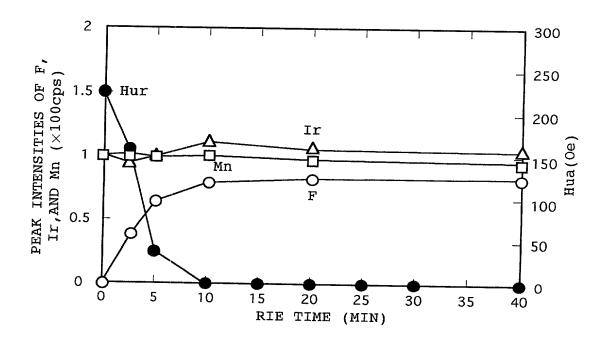
FIG. 17H FIG. 17H'







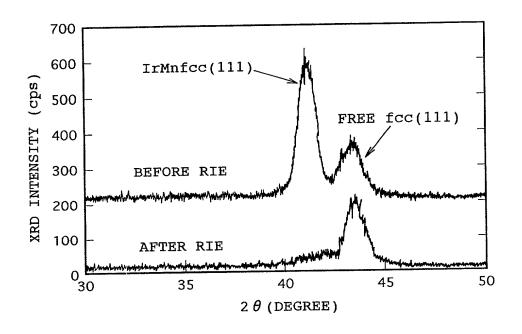




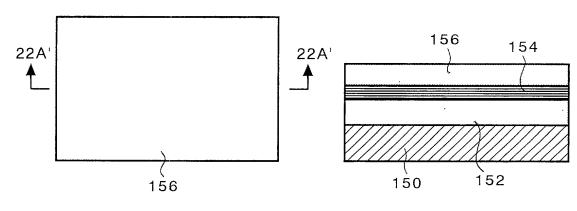
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# F I G. 21

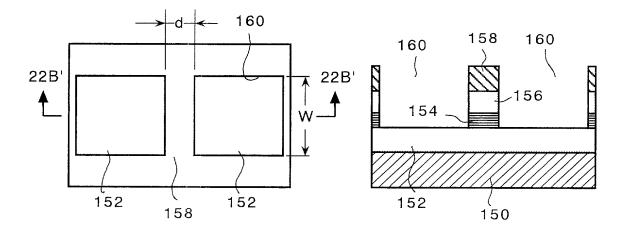


F I G. 22A'



F I G. 22B

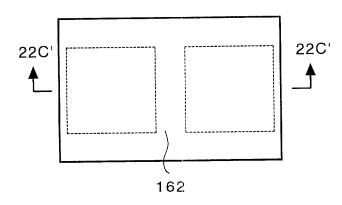
FIG. 22B'



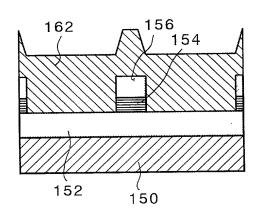
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FIG. 22C



F I G. 22C'



F I G. 22D

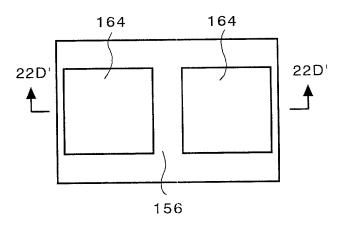
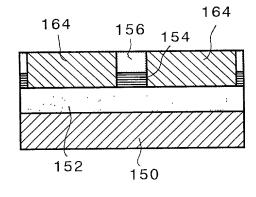


FIG. 22D'



. . .

FIG. 22E

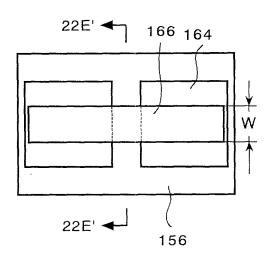


FIG. 22E'

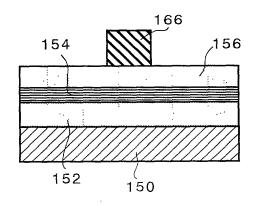
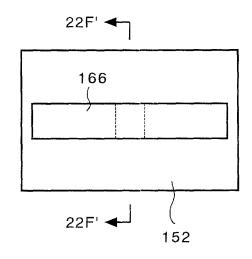
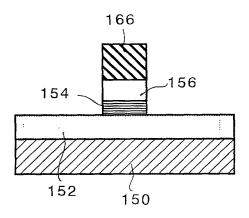


FIG. 22F

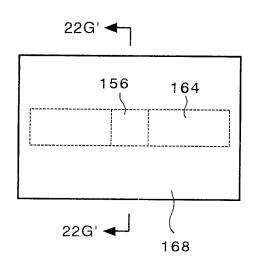
FIG. 22F'





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FIG. 22G



F I G. 22G'

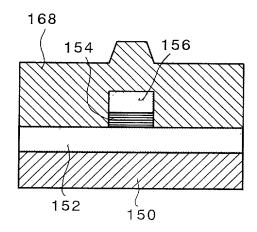
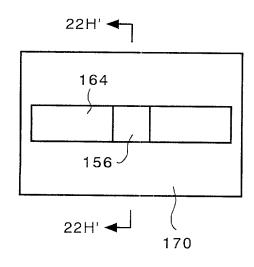
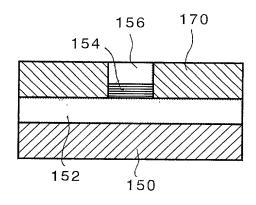


FIG. 22H

FIG. 22H'



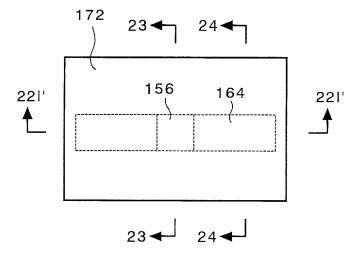


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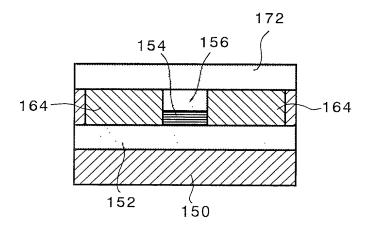
. . . .

. . . .

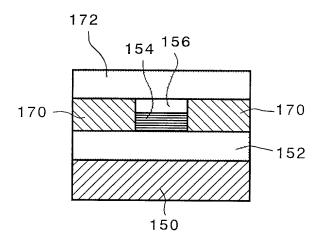
#### FIG. 221



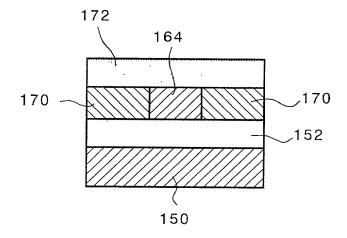
F I G. 221'



# F I G. 23

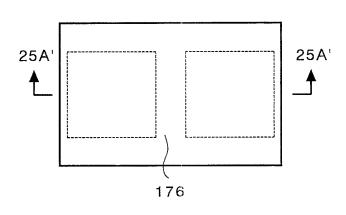


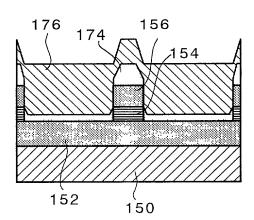
## FIG. 24



\* \* \* 3

FIG. 25A FIG. 25A'





F I G. 25B

F I G. 25B'

